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Skyworks Enhances Portfolio of Antenna Switch Modules and LTE Switch Solutions

Latest Devices Address Size, Cost and Performance Requirements for Demanding Smartphone and Tablet Applications

BARCELONA, Spain--(BUSINESS WIRE)--Feb. 29, 2012-- Skyworks Solutions, Inc. (NASDAQ:SWKS), an innovator of high reliability analog and mixed signal semiconductors enabling a broad range of end markets, today expanded its family of antenna switch modules (ASMs) for smartphones and tablets, offering solutions in up to 14 throw counts to meet various handset manufacturers' layout preferences and design needs. Skyworks is also unveiling a full suite of complementary discrete LTE transmit and receive solutions covering single pole double throw (SPDT) through single pole eight throw (SP8T) applications in a compact 2 x 2 millimeter footprint. Together, these latest devices support low cost 3G handsets, as well as high speed packet access/LTE-enabled data centric devices such as data cards and tablets – both of which require design flexibility, high performance and cost-effective architectures.

Skyworks' comprehensive RF switch solutions are based on pHEMT and silicon technology and complement its existing world-class, gallium arsenide and silicon power amplifiers and front-end solutions.

"Skyworks is delighted to once again be offering our customers the broadest set of switch solutions to meet demanding performance requirements and design needs," said David Stasey, vice president of analog components at Skyworks. "Our ability to support multiple platforms and architectures in various process technologies demonstrates Skyworks' technical breadth, depth and commitment to delivering best-in-class solutions."

About Skyworks' Family of Antenna Switch Modules

Skyworks' ASMs are logic compatible with the world's leading 3G/4G chipset providers' interface requirements. In addition to integrated switch and logic, the devices all feature dual low-pass GSM harmonic filters. The ASMs are designed for any combination of 2G/3G multimode cellular applications.

- The SKY13404-466LF is a single pole 10 throw ASM in a compact 2.6 x 3.4 mm quad flat no lead (QFN) package designed for dual and tri mode, high power band switching applications that require low insertion loss. The device features eight high linearity ports providing full flexibility for 2G, 3G and LTE handsets and data cards.
- The SKY13412-487LF is a single pole 12 throw ASM in a 3.0 x 3.8 mm QFN package featuring 10 high linearity ports providing full flexibility for 2G, 3G and LTE handsets and data cards. The device includes port to port RF isolation comparisons in order to optimize signal routing in an increasingly more challenging RF signal environment.
- The SKY18120-11 is a single pole nine throw ASM in an extremely compact 2.5 x 2.5 mm package, 20-pin multi-chip module. The device has three high linearity ports suitable for tri-band 3G/quad-band 2G or TD-SCDMA/2G multi-mode handsets and data cards.

About Skyworks' LTE Transmit/Receive Switches

Skyworks' LTE transmit/receive switches are high linearity solutions that can handle multiple input, multiple output receive diversity as well as post power amplifier WCDMA/HSPA+/LTE PA transmit signal routing requirements. Using advanced switching technologies, the devices maintain low insertion loss and high isolation for both transmit and receive switching paths.

- The SKY1341X-485 scalable family of products covers single pole four throw through SP8T switches that allow up to eight bands of WCDMA/LTE transmitting and receiving. The high linearity performance and low insertion loss achieved by the series make in an ideal choice for main/diversity switching commonly used in LTE-based handsets, data cards and tablets that use antenna diversity solutions. The SKY13414-485LF (single pole four throw), SKY13415-485LF (single pole five throw), SKY13416-485LF (single pole six throw), SKY13417-485LF (single pole seven throw) and SKY13418-485LF (SP8T) are a general purpose input/output (GPIO) control logic compatible series of LTE transmit/receive switches in a 2.0 x 2.0 mm lead-frame package.
- The SKY13330-397LF is a SPDT all symmetric port transmit/receive switch in a 2.0 x 2.0 mm lead frame package. Designed for post linear power amplifier single routing to frequency filtering components, this device is differentiated by very low insertion loss and its single bit GPIO control.

Skyworks at Mobile World Congress

Skyworks will be showcasing its product portfolio in Hall 8, Stand C132 at Mobile World Congress being held February 27 – March 1, 2012.

About Skyworks

Skyworks Solutions, Inc. is an innovator of high reliability analog semiconductors. Leveraging core technologies, Skyworks offers diverse standard and custom linear products supporting automotive, broadband, cellular infrastructure, energy management, industrial, medical, military, networking, smartphone and tablet applications. The Company's portfolio includes amplifiers, attenuators, circulators, detectors, diodes, directional couplers, front-end modules, hybrids, infrastructure RF subsystems, isolators, lighting and display solutions, mixers/demodulators, optocouplers, optoisolators, phase shifters, PLLs/synthesizers/VCOs, power dividers/combiners, power management devices, receivers, switches and technical ceramics.

Headquartered in Woburn, Mass., Skyworks is worldwide with engineering, manufacturing, sales and service facilities throughout Asia, Europe and North America. For more information, please visit Skyworks' Web site at: www.skyworksinc.com

Safe Harbor Statement

This news release includes "forward-looking statements" intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. These forward-looking statements include without limitation information relating to future results and expectations of Skyworks (including without limitation certain projections and business trends). Forward-looking statements can often be identified by words such as "anticipates," "expects," "forecasts," "intends," "believes," "plans," "may," "will," or "continue," and similar expressions and variations or negatives of these words. All such statements are subject to certain risks, uncertainties and other important factors that could cause actual results to differ materially and adversely from those projected, and may affect our future operating results, financial position and cash flows.

These risks, uncertainties and other important factors include, but are not limited to: uncertainty regarding global economic and financial market conditions; the susceptibility of the wireless semiconductor industry and the markets addressed by our, and our customers', products to economic downturns; the timing, rescheduling or cancellation of significant customer orders and our ability, as well as the ability of our customers, to manage inventory; losses or curtailments of purchases or payments from key customers, or the timing of customer inventory adjustments; the availability and pricing of third party semiconductor foundry, assembly and test capacity, raw materials and supplier components; changes in laws, regulations and/or policies in the United States that could adversely affect financial markets and our ability to raise capital; our ability to develop, manufacture and market innovative products in a highly price competitive and rapidly changing technological environment; whether we are able to successfully integrate Advanced Analogic Technologies' operations; economic, social and political conditions in the countries in which we, our customers or our suppliers operate, including security and health risks, possible disruptions in transportation networks and fluctuations in foreign currency exchange rates; fluctuations in our manufacturing yields due to our complex and specialized manufacturing processes; delays or disruptions in production due to equipment maintenance, repairs and/or upgrades; our reliance on several key customers for a large percentage of our sales; fluctuations in the manufacturing yields of our third party semiconductor foundries and other problems or delays in the fabrication, assembly, testing or delivery of our products; our ability to timely and accurately predict market requirements and evolving industry standards, and to identify opportunities in new markets; uncertainties of litigation, including potential disputes over intellectual property infringement and rights, as well as payments related to the licensing and/or sale of such rights; our ability to rapidly develop new products and avoid product obsolescence; our ability to retain, recruit and hire key executives, technical personnel and other employees in the positions and numbers, with the experience and capabilities, and at the compensation levels needed to implement our business and product plans; lengthy product development cycles that impact the timing of new product introductions; unfavorable changes in product mix; the quality of our products and any remediation costs; shorter than expected product life cycles; problems or delays that we may face in shifting our products to smaller geometry process technologies and in achieving higher levels of design integration; and our ability to continue to grow and maintain an intellectual property portfolio and obtain needed licenses from third parties, as well as other risks and uncertainties, including but not limited to those detailed from time to time in our filings with the Securities and Exchange Commission.

These forward-looking statements are made only as of the date hereof, and we undertake no obligation to update or revise the forward-looking statements, whether as a result of new information, future events or otherwise.

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